

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14	("5560022" "6510473" "6073244" "5630110" "5918061" "6484222" "5778237").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:41
L2	2	("20040139363").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 07:58
L3	130	((((determin\$5 or detect\$4 or estimat\$4 or generat\$4) or ((selecti\$4 or adapt\$5 or automatic\$4) adj3 (chang\$4 or switch\$4 or adjust\$4 or alter\$5 or control\$4)))near6 (clock near2 (frequency or speed or rate)))same (((power or energy)near3 (budget\$4 or requir\$5 or consumption or usage or utiliz\$5))with ((heat or thermal or temperature)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 09:57
L4	38	("6,714,890" "6,963,990" "6,295,568" "5,630,148" "5,664,165" "5,754,867" "6,763,478" "5,790,877" "6,211,715" "6,564,279" "6,134,621" "5,930,496" "6,954,813" "6,070,207" "6,185,692" "6,772,263" "5,815,734" "6,948,020" "6,782,438").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 08:11
L5	51	I3 and (information with (((power or energy)adj2 (consum\$5 or usage or utiliz\$5 or requir\$5 or conserv\$5))or (heat or thermal or temperature)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 08:35
L6	25	I3 and ((information with (((power or energy)adj2 (consum\$5 or usage or utiliz\$5 or requir\$5 or conserv\$5))or (heat or thermal or temperature)))same characteristic\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 08:25

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L7	3	I3 and (((information with (((power or energy)adj2 (consum\$5 or usage or utiliz\$5 or requir\$5 or conserv\$5))or (heat or thermal or temperature))))with characteristic\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 09:57
L8	28635	"713"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:26
L9	61	I8 and (((information with (((power or energy)adj2 (consum\$5 or usage or utiliz\$5 or requir\$5 or conserv\$5))or (heat or thermal or temperature))))with characteristic\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:24
L10	11	I9 and (((generat\$4 or control\$4 or adjust\$4 or alter\$5 or chang\$4 or switch\$3)near4 ((clock or frequency)near2 (rate or speed or frequency))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:24
L11	4101	((generat\$4 or control\$4 or adjust\$4 or alter\$5 or chang\$4 or switch\$3 or determin\$5 or detect\$4)near4 ((clock or frequency)near2 (rate or speed or frequency))))with (((device or apparatus or circuit\$1 or logic adj2 block\$1)near2 (installed or connected))or load)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:25
L12	8	I11 same (((power or energy)near3 (budget\$4 or requir\$5 or consumption or usage or utiliz\$5))with ((heat or thermal or temperature))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:14
L13	27815	"710"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:23

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L14	25	I13 and (((information with (((power or energy)adj2 (consum\$5 or usage or utiliz\$5 or requir\$5 or conserv\$5)))or (heat or thermal or temperature))))with characteristic\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:28
L15	0	I14 and (((generat\$4 or control\$4 or adjust\$4 or alter\$5 or chang\$4 or switch\$3)near4 ((clock or frequency)near2 (rate or speed or frequency)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:24
L16	0	I14 and (((generat\$4 or control\$4 or adjust\$4 or alter\$5 or chang\$4 or switch\$3 or determin\$5 or detect\$4)near4 ((clock or frequency)near2 (rate or speed or frequency))))with (((device or apparatus or circuit\$1 or logic adj2 block\$1)near2 (installed or connected))or load))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:26
L17	104460	"370"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:26
L18	69207	"375"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:26
L19	116900	"455"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:26

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L20	82	I17 and (((generat\$4 or control\$4 or adjust\$4 or alter\$5 or chang\$4 or switch\$3 or determin\$5 or detect\$4)near4 ((clock or frequency)near2 (rate or speed or frequency))))with (((device or apparatus or circuit\$1 or logic adj2 block\$1)near2 (installed or connected))or load))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:27
L21	139	I18 and (((generat\$4 or control\$4 or adjust\$4 or alter\$5 or chang\$4 or switch\$3 or determin\$5 or detect\$4)near4 ((clock or frequency)near2 (rate or speed or frequency))))with (((device or apparatus or circuit\$1 or logic adj2 block\$1)near2 (installed or connected))or load))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:26
L22	243	I19 and (((generat\$4 or control\$4 or adjust\$4 or alter\$5 or chang\$4 or switch\$3 or determin\$5 or detect\$4)near4 ((clock or frequency)near2 (rate or speed or frequency))))with (((device or apparatus or circuit\$1 or logic adj2 block\$1)near2 (installed or connected))or load))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:26
L23	37	I17 and ((information with (((power or energy)adj2 (consum\$5 or usage or utiliz\$5 or requir\$5 or conserv\$5))or (heat or thermal or temperature))))with characteristic\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:58
L24	30	I18 and ((information with (((power or energy)adj2 (consum\$5 or usage or utiliz\$5 or requir\$5 or conserv\$5))or (heat or thermal or temperature))))with characteristic\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:27
L25	243	I19 and (((generat\$4 or control\$4 or adjust\$4 or alter\$5 or chang\$4 or switch\$3 or determin\$5 or detect\$4)near4 ((clock or frequency)near2 (rate or speed or frequency))))with (((device or apparatus or circuit\$1 or logic adj2 block\$1)near2 (installed or connected))or load))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:56

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L26	0	I20 and (((information with (((power or energy)adj2 (consum\$5 or usage or utiliz\$5 or requir\$5 or conserv\$5)))or (heat or thermal or temperature))))with characteristic\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:28
L27	0	I21 and (((information with (((power or energy)adj2 (consum\$5 or usage or utiliz\$5 or requir\$5 or conserv\$5)))or (heat or thermal or temperature))))with characteristic\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:28
L28	0	I22 and (((information with (((power or energy)adj2 (consum\$5 or usage or utiliz\$5 or requir\$5 or conserv\$5)))or (heat or thermal or temperature))))with characteristic\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:28
L29	2	("7076671").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:41
L30	0	("7076671").URPN.	USPAT	OR	ON	2006/11/28 10:42
L31	7	("20030120963" "5396635" "5491787" "6795928" "6804790" "6836849" "6859882").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/28 10:43
L32	4101	(((generat\$4 or control\$4 or adjust\$4 or alter\$5 or chang\$4 or switch\$3 or determin\$5 or detect\$4)near4 ((clock or frequency)near2 (rate or speed or frequency))))with (((device or apparatus or circuit\$1 or logic adj2 block\$1)near2 (installed or connected))or load))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:57
L33	813	(((generat\$4 or control\$4 or adjust\$4 or alter\$5 or chang\$4 or switch\$3 or determin\$5 or detect\$4)near4 ((clock or frequency)near2 (rate or speed or frequency))))with (((device or apparatus or circuit\$1 or logic adj2 block\$1)near2 (installed or connected))or load)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:57

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L34	1083	((generat\$4 or control\$4 or adjust\$4 or alter\$5 or chang\$4 or switch\$3 or determin\$5 or detect\$4)near4 ((clock or frequency)near2 (rate or speed or frequency)))same (((device or apparatus or circuit\$1 or logic adj2 block\$1)near2 (installed or connected))or load)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:13
L35	36	I32 same((((power or energy)adj2 (consum\$5 or usage or utiliz\$5 or requir\$5 or conserv\$5))or (heat or thermal or temperature)))with characteristic\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:04
L36	4	I33 same((((power or energy)adj2 (consum\$5 or usage or utiliz\$5 or requir\$5 or conserv\$5))or (heat or thermal or temperature)))with characteristic\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 10:59
L37	4	I34 same((((power or energy)adj2 (consum\$5 or usage or utiliz\$5 or requir\$5 or conserv\$5))or (heat or thermal or temperature)))with characteristic\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:04
L38	611	((generat\$4 or control\$4 or adjust\$4 or alter\$5 or chang\$4 or switch\$3 or determin\$5 or detect\$4)near2 ((clock or frequency)adj2 (rate or speed or frequency)))same (((device or apparatus or circuit\$1 or logic adj2 block\$1)near2 (installed or connected))or load)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:14
L39	0	((power or energy or thermal or (heat adj dissipat\$5))near3 chanractic\$1)same (clock or frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:16

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L40	3	((power or energy or thermal or (heat adj dissipat\$5))near3 characteristic\$1)same (clock or frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:37
L41	5	"6185692".uref.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:37



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- ☐ **1. Faster Calculation of Superquadric Shapes**
Franklin, Wm.R.; Barr, A.H.;
[Computer Graphics and Applications, IEEE](#)
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- ☐ **2. Superquadrics and Angle-Preserving Transformations**
Barr, A.H.;
[Computer Graphics and Applications, IEEE](#)
Volume 1, Issue 1, Jan 1981 Page(s):11 - 23
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- ☐ **3. Synthesis of Multivalued Multithreshold Functions for CCD Implementation**
Abd-El Barr, M.H.; Zaky, S.G.; Vranesic, Z.G.;
[Computers, IEEE Transactions on](#)
Volume C-35, Issue 2, Feb 1986 Page(s):124 - 133
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- ☐ **4. Cost reduction in the CCD realization of MVMT functions**
Abd-El-Barr, M.H.; Vranesic, Z.G.;
[Computers, IEEE Transactions on](#)
Volume 39, Issue 5, May 1990 Page(s):702 - 706
Digital Object Identifier 10.1109/12.53584
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- ☐ **5. Algorithmic synthesis of MVL functions for CCD Implementation**
Abd-El-Barr, M.H.; Vranesic, Z.G.; Zaky, S.G.;
[Computers, IEEE Transactions on](#)
Volume 40, Issue 8, Aug. 1991 Page(s):977 - 986
Digital Object Identifier 10.1109/12.83641
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- ☐ **6. CMOS multiple-valued logic design. II. Function realization**
Jain, A.K.; Bolton, R.J.; Abd-El-Barr, M.H.;
[Circuits and Systems I: Fundamental Theory and Applications, IEEE Transactions on](#) [see also
[Circuits and Systems I: Regular Papers, IEEE Transactions on](#)]

Volume 40, Issue 8, Aug. 1993 Page(s):515 - 522

Digital Object Identifier 10.1109/81.242321

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7. CMOS multiple-valued logic design. I. Circuit implementation

Jain, A.K.; Bolton, R.J.; Abd-El-Barr, M.H.;
[Circuits and Systems I: Fundamental Theory and Applications, IEEE Transactions on \[see also Circuits and Systems I: Regular Papers, IEEE Transactions on\]](#)
 Volume 40, Issue 8, Aug. 1993 Page(s):503 - 514
 Digital Object Identifier 10.1109/81.242320

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8. Pure phase-encoded MRI and classification of solids

Ghosh, P.; Laidlaw, D.H.; Fleischer, K.W.; Barr, A.H.; Jacobs, R.E.;
[Medical Imaging, IEEE Transactions on](#)
 Volume 14, Issue 3, Sept. 1995 Page(s):616 - 620
 Digital Object Identifier 10.1109/42.414627

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9. Partial-volume Bayesian classification of material mixtures in MR volume data using voxel histograms

Laidlaw, D.H.; Fleischer, K.W.; Barr, A.H.;
[Medical Imaging, IEEE Transactions on](#)
 Volume 17, Issue 1, Feb. 1998 Page(s):74 - 86
 Digital Object Identifier 10.1109/42.668696

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10. Heart-muscle fiber reconstruction from diffusion tensor MRI

Zhukov, L.; Barr, A.H.;
[Visualization, 2003. VIS 2003. IEEE](#)
 19-24 Oct. 2003 Page(s):597 - 602

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11. Oriented tensor reconstruction: tracing neural pathways from diffusion tensor MRI

Zhukov, L.; Barr, A.H.;
[Visualization, 2002. VIS 2002. IEEE](#)
 27 Oct.-1 Nov. 2002 Page(s):387 - 394
 Digital Object Identifier 10.1109/VISUAL.2002.1183799

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12. Fast extraction of adaptive multiresolution meshes with guaranteed properties from volumetric data

Gavrilu, M.; Carranza, J.; Breen, D.E.; Barr, A.H.;
[Visualization, 2001. VIS '01. Proceedings](#)
 21-26 Oct. 2001 Page(s):295 - 565

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13. ALCOVE: design and implementation of an object-centric virtual environment

Meyer, M.; Barr, A.H.;
[Virtual Reality, 1999. Proceedings. IEEE](#)
 13-17 March 1999 Page(s):46 - 52
 Digital Object Identifier 10.1109/VR.1999.756922

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**14. Teleological computer graphics modeling**

Barr, A.H.;

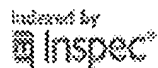
Computer Vision and Pattern Recognition, 1991. Proceedings CVPR '91., IEEE Computer Society Conference on

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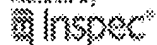
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 Volume 52, Issue 6, Part 1, Dec. 2005 Page(s):2468 - 2474
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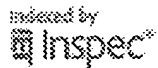
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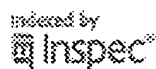
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sales offices

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John Colter, Netscape Navigator

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1 [Impact of statistical multiplexing on voice quality in cellular networks](#)

Thomas Enderes, Swee Chern Khoo, Clare A. Somerville, Kostas Samaras

April 2002 **Mobile Networks and Applications**, Volume 7 Issue 2**Publisher:** Kluwer Academic PublishersFull text available: [pdf\(239.13 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper examines the quality of transmission of voice over cellular, packet-switched networks. The medium access mechanism in the uplink is simulated under various statistical multiplexing scenarios in order to assess the effect of front-end clipping on voice quality. Moreover, the simulation is implemented in a real-time demonstration platform utilized to acquire subjective indicators of voice quality by performing Mean Opinion Score (MOS) tests. Results from the MOS tests are reported, and ...

Keywords: cellular networks, speech pattern, statistical multiplexing, voice quality

2 [Impact of statistical multiplexing on voice quality in cellular networks](#)

T. Enderes, S. C. Khoo, C. A. Somerville, K. Samaras

August 2000 **Proceedings of the 3rd ACM international workshop on Modeling, analysis and simulation of wireless and mobile systems****Publisher:** ACM PressFull text available: [pdf\(817.16 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper examines the quality of transmission of voice over cellular, packet-switched TDMA networks. The medium access mechanism in the uplink is simulated for different statistical multiplexing scenarios in order to assess the effect of front-end clipping on voice quality. Moreover, the simulation is implemented in a real-time demonstration platform utilized to acquire subjective indicators of voice quality by performing Mean Opinion Score (MOS) tests. The results from the MOS tests are ...

3 [Design education: OpenD: supporting parallel development of digital designs](#)

Mark Meagher, Kate Bielaczyc, Jeffrey Huang

November 2005 **Proceedings of the 2005 conference on Designing for User eXperience DUX '05****Publisher:** AIGA: American Institute of Graphic ArtsFull text available: [pdf\(422.65 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

Learning from one's peers has traditionally played a significant role in the education of design professionals. Grounded in the ideals of the atelier tradition, design education is predicated on the open exchange of ideas and constant critique of work in progress. Many of the most successful buildings for design education incorporate an open plan to encourage this type of interaction. In recent decades the design schools have been

transformed and enriched through the introduction of powerful new ...

Keywords: data visualization, design education, information architecture, user experience


4 The Java syntactic extender (JSE)



Jonthan Bachrach, Keith Playford

October 2001 **ACM SIGPLAN Notices , Proceedings of the 16th ACM SIGPLAN conference on Object oriented programming, systems, languages, and applications OOPSLA '01**, Volume 36 Issue 11

Publisher: ACM Press

Full text available:  [pdf\(198.11 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The ability to extend a language with new syntactic forms is a powerful tool. A sufficiently flexible macro system allows programmers to build from a common base towards a language designed specifically for their problem domain. However, macro facilities that are integrated, capable, and at the same time simple enough to be widely used have been limited to the Lisp family of languages to date. In this paper we introduce a macro facility, called the Java Syntactic Extender (JSE), with the superior ...

5 Reinventing support services: transcending the centralized-decentralized support model debate



Kathleen Cummings

November 2002 **Proceedings of the 30th annual ACM SIGUCCS conference on User services**

Publisher: ACM Press

Full text available:  [pdf\(148.00 KB\)](#) Additional Information: [full citation](#), [abstract](#), [citations](#)

Over the course of seven years, Tufts University alternated between a centralized and decentralized IT model. The centralized model seemed to produce charges that the IT organization was not responsive to local needs; alternately, the decentralized model produced redundancies and inefficiencies. This year Tufts moved away from the centralized-decentralized dilemma. Accepting that any model would have drawbacks, Tufts reinvented support--not as a structure--but as a collaborative service. Buildin ...

Keywords: desktop support, help desk software, support politics, training and documentation


6 Technical Session: You can't build a bridge without a solid foundation: training, support, documentation and communication - the right foundation



Kathleen Cummings Topalian

October 2001 **Proceedings of the 29th annual ACM SIGUCCS conference on User services**

Publisher: ACM Press

Full text available:  [pdf\(222.40 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)





Rolling out an administrative system in a decentralized business model can easily produce a result that is both a technical success and public relations failure. This paper will revisit the two systems rollouts at Tufts that inaugurated a support, training and communications strategy that reinforced a new way of doing business in an academic environment. The Tufts' solution is a directorate that owns support, training, documentation and web services. Together, it is supported by the communicatio ...

Keywords: communications, desktop support, documentation, systems implementation, training, web services

Results 1 - 6 of 6

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